

WHAT IS CLAIMED IS:

1. An electrical contact comprising:

a body having a first wall and a second wall opposed to said first wall;

a rigid lance integrally formed with said first wall and projecting away from said second wall; and

a deflectable biasing beam integrally formed with said second wall and extends away from said first wall in a direction opposite to said lance.
2. An electrical contact in accordance with claim 1 wherein said second wall extends obliquely to said first wall.
3. An electrical contact in accordance with claim 1 further comprising at least a third wall extending between said first wall and said second wall, said third wall tapered along a lower edge thereof.
4. An electrical contact in accordance with claim 1 wherein said first wall further comprises a contact beam extending downwardly from said first wall.
5. An electrical contact in accordance with claim 1 wherein said body comprises a pair of opposed side walls positioned between said first and second walls thereby forming a pin cavity, wherein one of said pair of side walls comprising a contact beam extending into said pin cavity.
6. An electrical contact in accordance with claim 1 further comprising at least one side wall, said side wall extending above a top surface of said first wall.
7. An electrical contact in accordance with claim 1 wherein said body is substantially rectangular.

8. An electrical contact in accordance with claim 1 wherein said body comprises a longitudinal axis, said biasing beam tapered along said longitudinal axis.

9. An electrical contact in accordance with claim 1 wherein said body further comprises opposite side walls extending from said first wall and said second wall and defining a pin cavity, one of said side walls comprising a contact beam depending into said pin cavity, the other of said side walls comprising an embossment extending into said pin cavity.

10. An electrical connector system comprising:

at least one housing comprising a longitudinal cavity therein; and

an electrical contact situated within said cavity;

wherein one of said housing and said contact comprises:

opposed top and bottom walls;

a rigid lance integrally formed with said top wall, said lance in abutting contact with a portion of the other of said housing and said contact; and

a deflectable biasing beam extending from said bottom wall and said biasing beam contacting a portion of the other of said housing and said contact and providing a biasing retention force thereto to maintain said contact in position relative to said housing.

11. An electrical connector system in accordance with claim 10 wherein said contact comprises:

a body having said opposed top and bottom walls;

said rigid lance integrally formed with said top wall and projecting outward therefrom, said lance in abutting contact with a portion of said contact cavity; and

said deflectable biasing beam integrally formed with said bottom wall and extending outward therefrom, said biasing beam contacting a portion of said contact cavity and providing a biasing retention force thereto to maintain said contact in position relative to said housing.

12. An electrical connector system in accordance with claim 10 wherein said rigid lance is located on said housing, said contact comprising a retention window receiving said rigid lance.

13. An electrical connector system in accordance with claim 10 wherein said biasing beam is located on said housing, said biasing beam contacting a bottom of said contact.

14. An electrical connector system in accordance with claim 10 wherein said rigid lance is integrally formed with said contact.

15. An electrical connector system in accordance with claim 10 wherein said biasing beam is integrally formed with said contact.

16. An electrical connector system in accordance with claim 10 wherein said contact comprises a contact body, said biasing beam extending from a leading end of said contact body.

17. An electrical connector system in accordance with claim 10 wherein said housing comprises a retention window.

18. A contact assembly comprising:

a body having a top wall, a bottom wall and at least one side wall;

a rigid lance integrally formed with said top wall and projecting upward therefrom;

a first contact beam extending downward from said top wall;

a second contact beam extending inwardly from said side wall;

a deflectable biasing beam integrally formed with said bottom wall and extending downward therefrom; and

a contact pin received in said body and engaged by said first and second contact beams.

19. A contact assembly in accordance with claim 18 wherein said body is substantially rectangular.